

PAVOLY, A. M.

Journal of Applied Chemistry
May 1954
Industrial Inorganic Chemistry

3
Thermal decomposition of potassium and sodium cyanides
V. A. Shushunov and A. M. Pavlov (*Dokl. Akad. Nauk SSSR*,
1953, 89 1033-1036).—Kinetic studies at 400-600° indicate that
 Na_3CN and K_3CN decompose thus: $2\text{K}_3\text{CN} \rightarrow 2\text{KCN} + 4\text{K} + \text{N}_2$,
with intermediate formation of KN. The rate of decomposition of
 Na_3CN is < that of K_3CN . Decomposition of K_3CN is accelerated
by Fe_2O_3 and Al_2O_3 , and that of Na_3CN by NaCl , but the latter is
retarded by CaCl_2 .

R. C. MURRAY

16-13-54

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DEVYATYKH, Grigoriy Grigor'yevic, doktor khim. nauk, prof.;
PAVLOV, Aleksey Mironovich; OMOSEVTSEV, Aleksandr
Tsvetovich; MIRONOV, Nikolay Nikolayevich;
SHUSHUNOVA, Ada Fedorovna; ALAVERDOV, Ya.G., red.

[Manual of laboratory work in inorganic chemistry] Ru-
kovodstvo k prakticheskim zaniatiiam po neorganicheskoi
khimii. Izd.2., ispr. i dop. Moskva, Vysshiaia shkola,
1964. 282 p. (MIRA 17:6)

PAVLOV, A. M.,

"Conversion of Cyanamides of Certain Metals into Cyanides." (Dissertation for Degree of Candidate of Chemical Science) Min Higher Education, Gor'kiy State U, Gor'kiy, 1955

SO: N-1036, 29 Mar 56

PAVLOV, A.M.

AID P - 1584

Subject : USSR/Chemistry

Card 1/1 Pub. 152 - 14/21

Author : Shushunov, V. A. and Pavlov, A. M.

Title : Synthesis of cyanamides of potassium, sodium, and calcium

Periodical : Zhur. prikl. khim., 28, no.1, 98-100, 1955

Abstract : Methods for the preparation of potassium cyanamide (95%) sodium cyanamide (98%), and calcium cyanamide (98%) are described. Eight references (2 Russian: 1934-35)

Institution: None

Submitted : Mr 11, 1953

Subject : USSR/Chemistry

AID P - 3741

Card 1/1 Pub. 152 - 5/22

Authors : Shushunov, V. A. and A. M. Pavlov

Title : Kinetics of thermal decomposition of cyanamides of alkali metals and alkaline-earth metals

Periodical : Zhur. prikl. khim., 28, 9, 934-938, 1955

Abstract : The decomposition of cyanamides is greatly accelerated in the presence of iron. Decomposition of liquid cyanamides of potassium, sodium, and barium on heating takes place with formation of cyanides.

Institution : Gor'kiy Scientific Research Institute of Chemistry

Submitted : D 15, 1953

Pavlov, AM

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PM

Effect of sodium chloride on the rate of decomposition of alkali-alkaline earth cyanamides. V. A. Shumilinov and A. M. Pavlov (Chem. Sci. Research Inst. [USSR]) *Zhur. priklad. Khim.* 28, 1161-4 (1955); cf. *C.A.* 50, 5247k.—The effect of NaCl on the decompr. rates of BaCN₂ and CaCN₂ was detd. The percentages of cyanamide N, k'' , and cyanide N, k' , formed are reciprocal functions of time. The decrease of k'' and the increase of k' in BaCN₂ + 2NaCl at 800° are greater than at 940° without NaCl. Heating CaCN₂ for 4 hrs. at 1100° in an atm. of N does not change the compn. With 2NaCl at 1120° the reaction is complete ($k'' = 0$ and $k' = 14\%$) in 5 min.; at 940 and 1030° the reaction is complete (with higher values of k'' and lower values of k') within 8-10 min. The rate of decompr. increases with the proportion of NaCl so that with 10 mol. NaCl it is complete at 940° after 5 min. (k'' and k' about 2 and 18%, resp.). I. Beucowitz

PAVLOV A.M.

Conversion of cyanides of some metals to their cyanamides.
V. A. Shashkov, A. M. Pavlov, and K. G. Feilovskaya
(Chern. Scl. Research Institute, *Zhur. Priklad. Khim.*,
40, 1697-1742 (1968); *J. Russ. Chem. Soc.*, 49, 13785).—The rate of
thermal decompr. of Na(K)CN in the temp. range of 600-
800° is affected by neither temp. nor NaCl. It is appreciably
accelerated by SiO₂, Al₂O₃ and Fe₂O₃. However, in a
none of these expts. was cyanamide formed. On the contr.
hand, in the presence of MCl₄ (M = Ba, Sr, Ca) MCN₂ is
formed. The effect on the rate of MCN₂ formation increased
in the order of Ba < Sr < Ca. The effect of Ba is
slight so that at 600-700° only a trace of BaCN₂ was present.
On the basis of these results the processes which occur in a
high-temp. cyaniding bath are explained. I. Brodovity.

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PM MIT

MIKHEYEV, V.A.; PAVLOV, A.M.

[Hydraulic scale breaking in rolling mills] Gidrosbiv
okaliny v prokatnykh tsekhakh. Moskva, Izd-vo Metalur-
gija, 1974. 104 p. (MIRA 17:12)

"APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R001239

APPROVED FOR RELEASE: Tuesday, August 01, 2000 CIA-RDP86-00513R0012396

L 43079-66 EWT(m)/EWP(w)/~~EWP(t)~~/ETI/EWP(k) IJP(c) JD/HM
ACC NR: AR6014375 (A,N) SOURCE CODE: UR/0137/65/000/011/D005/D006

AUTHORS: Pavlov, A. M.; Zuyev, B. M.; Chukin, V. V.; Trifonova, R. G.; Kashkina, L. N.

TITLE: Formation of elastic-plastic properties of steel cables

SOURCE: Ref. zh. Metallurgiya, Abs. 11D39

REF SOURCE: Sb. Stal'n. kanaty. Vyp. 2. Kiyev, Tekhnika, 1965, 355-359

TOPIC TAGS: wire, wire product, rupture strength, flow stress

ABSTRACT: Increasing the degree of deformation of surface layers during straightening leads to a decrease of the elastic and flow limits, however, the overall effect achieved by this method is negligible. The increase in the degree of deformation during straightening has a negative effect on the time dependence of rupture strength. Straightening of cable drastically reduces the magnitude of residual tensions in the surface layers of the cable. This explains the observed lowering of the elastic and flow limits. 3 illustrations. L. Kochenova [Translation of abstract]

SUB CODE: 11,13,20

Card 1/1 af

UDC: 621.771.001

PAVLOV, A.M.

New complex of Permian Ammonoidea in the Pamirs. Dokl. AN
SSSR 164 no.1:168-170 S '65. (MIRA 18:9)

1. Leningradskiy gornyy institut im. G.V. Plekhanova.
Submitted May 14, 1965.

SMIRNOV, A.M.; PAVLOV, A.N.

Cultivation of corn embryos without scutella from immature seeds
under sterile conditions. Fiziol. rast. 11 no.2:347-351 Mr-Ap
'64. (MIRA 17:4)

1. Institut fiziologii imeni Timiryazeva AN SSSR, Moskva.

PESIN, N.Ya., inzh.; PAVLOV, A.N., inzh.; ATROSHCHENKO, F.A., inzh.

Ways of lowering the cost of coal in mines of the Karaganda Basin. Izv. vys. ucheb. zav., gor. zhur. no.12:48-54 '61.
(MIRA 16:7)

1. Karagandinskij politekhnicheskiy institut (for Pesin).
2. Karagandinskij nauchno-issledovatel'skiy ugol'nyy institut (for Pavlov, Atroshchenko). Rekomendovana kafedroy ekonomiki organizatsii i planirovaniya Karagandinskogo politekhnicheskogo instituta.

(Karaganda Basin—Coal mines and mining—Costs)

GORELIK, S.S.; PAVLOV, A.M.; UMANSKIY, Ya.S.

Connection between the type of crystal lattice, the diffusion coefficient, the interatomic bonding forces and the temperature of recrystallization. Izv. vys. ucheb. zav.; chern. met. no.2: 95-99 '60. (MIRA 15:5)

1. Moskovskiy institut.
(Alloys--Metallography) (Crystal lattices)

DEVYATYKH, G.G.; BORISOV, G.K.; PAVLOV, A.M.

Separation of silicon isotopes by monosilane rectification. Dokl.
AN SSSR 138 no.2:402-404 My '61. (MIRA 14:5)

1. Nauchno-issledovatel'skiy institut khimii pri Gor'kovskom
gosudarstvennom universitete im. N.I.Lobachevskogo. Predstavлено
akademikom A.N.Frumkinyem.

(Isotope separation) (Silicon--Isotopes)

PAVLOV, A. M.

Cand Tech Sci - (diss) "Elements of the second order of mutually rounded surfaces [vzaimoogibayemye poverkhnosti] in gears." Leningrad, 1961. 18 pp; (Leningrad Inst of Water Transport); 170 copies; price not given; bibliography on p 18 (10 entries); (KL, 5-61 sup, 192)

.PAVLOV, A.M.

Determining the curvature of mutually enveloping surfaces in
three-dimensional gearings. Trudy LPI no.211:14-19 '60. (MIRA 13:11)
(Gearing)

PAVLOV, A.N., otv. za vypusk; VOLODICHIEVA, V.N.; IVANOVA, A.I.; KULAKOV, I.N.; LYAMINA, T.N.; MIT'KIHA, L.I.; POZDNYAKOVA, N.P.; RODIONOVA, L.I.; ROMANOVA, N.M.; SOFIYEV, E.S.; CHICHKINA, A.A.; TRESORUKOVA, Z.G.; BOGATYREV, P.P.; BROVKINA, A.I.; IVANOVA, L.D.; IVASHKIN, G.A.; KAMNEV, N.I.; LYSANOVA, L.A.; OZHEREL'YEVA, Z.I.; PAVLOVA, T.I.; TYUTUBOVA, N.I.; UMMITSYNA, A.P.; ZHIVILIN, N.N.; ALESHICHEV, M.P.; VINOGRADOV, V.I.; YEREMIN, F.S.; KRAVCHENKO, Ye.P.; LOVACHEVA, M.V.; NIKOL'SKAYA, V.S.; MAKHOV, G.I.; SKEGINA, A.V.; TAREYEV, A.V.; KHOLINA, A.V.; BRYANSKIY, A.M.; BURMISTROVA, V.D.; GRIGOR'YEVA, A.M.; LUTSENKO, A.I.; OREKHOVA, Z.V.; TEPLINSKAYA, N.V.; PEOKTISTOVA, V.I.; BUTORIN, I.M.; BOCHKAREVA, L.D.; BURENINA, V.A.; VETUSHKO, A.M.; VIKHLYAYEV, A.A.; SOROKIN, B.S.; TSYBENKO, L.T.; KHLIEBNIKOV, V.N.; DUMNOV, D.I.; STEPANOVA, V.A.; MANYAKIN, V.I., red.; VAKHATOV, A.M.; MAKAROVA, O.K., red.izd-va; PIATAKOVA, N.D., tekhn.red.

[Soviet agriculture; a statistical manual] Sel'skoe khoziaistvo SSSR; statisticheskii sbornik. Moskva, 1960. 665 p.

(MIRA 13:5)

1. Russia (1923- U.S.S.R.) TSentral'noye statisticheskoye upravleniye. 2. Upravleniye statistiki sel'skogo khozyaystva TSentral'nogo statisticheskogo upravleniya SSSR (for all except Makarova, Pyatakova).

(Agriculture--Statistics)

PAVLOV, A. N.

PAVLOV, A.N., starshiy ofitser.

← The first days of the 1917 revolution in Helsingfors. Mor.rap.
12 no.3:9 D'54. (MIRA 8:2)
(Helsinki--Revolution, 1917-1921)

PAVLOV, A.N.

New calculation method for determining the seepage coefficient of
rocks by infiltration from bore pits. Zap. LGI 34 no.2:138-147 '58.
(MIRA 12:6)
(Rocks--Permeability)

Translation from: Referativnyy zhurnal, Geografiya, 1957, Nr 6,
p 110 (USSR) 14-57-6-12483

AUTHOR: Pavlov, A. N.

TITLE: Introduction of the Amur Velvet Tree into the Forests
of the Bryansk Massif (O vnedrenii barkhata amurskogo
v lesa Bryanskogo massiva)

PERIODICAL: Tr. Bryanskogo lesokhoz. in-ta, 1956, Vol 7, pp 107-
111

ABSTRACT: The Amur velvet tree is a typical representative of
the mixed conifer and deciduous forest found in the
Far East and northeastern China. It is one of the
best producers of cork. Work is being carried out in
the Belorusskaya SSR in an effort to acclimatize the
Amur velvet tree and to introduce it into the forests
of the European USSR. This article discusses the way
in which the velvet tree is being acclimatized in the
Bryanskaya Oblast' and the methods of planting and

Card 1/2

PAVLOV, A.N.

Mirror cassette for the roentgenological localization of intraocular
foreign bodies. Vest. oft. 73 no. 2:44-48 Mr-Ap '60. (MIRA 14:1)
(EYE—FOREIGN BODIES)

1. MIRONOV, N. P. ; PAVLOV, A. N. ; PUSHNITSA, F. A.; SHIRANOVICH, P. I.
2. USSR (600)
4. Don Steppe - Suslik
7. Change of areal boundaries of the small suslik (Citellus pygmaeus Pall.)
in the Don and Stavropol' Steppes.
Zool. Zhur. 31. No. 5. 1952.
9. Monthly List of Russian Accessions, Library of Congress, January 1953. Unclassified.

PAVLOV, A.N.

The southeastern limits of the Siberian marmot (*Marmota sibirica Radde*) within the boundaries of the Mongolian People's Republic.
Zool. zhur. 35 no.4:618-620 Ap '56. (MLRA 9:8)

1. Rostovskiy-na-Donu gosudarstvennyy nauchno-issledovatel'skiy
institut Ministerstva zdravookhraneniya SSSR.
(Mongolia--Marmots)

SHIRANOVICH, P.I.; MONOZOVA, I.V.; SAMARINA, G.P.; PAVLOV, A.N.

Fleas (Aphaniptera) of gerbils of the northwestern Caspian Sea
region. Sbor. nauch. rab. Elist. protivochum. sta. no. 1:129-143
'59. (MIRA 13:10)
(CASPIAN SEA REGION--FLEAS) (PARASITES--BERBILS)

PAVLOV, A. N.; LASKINA, A.V.; MOKROUSOV, N.Ya.; DERKACH, G.P.

Intra- and interspecific contacts of gerbils in Chernyye Zemli
and the ilmen area of the northwestern part of the Caspian Sea
region. Zool.zhur. 38 no.7:1089-1100 J1 '59.
(MIRA 12:10)

1. Rostov State Research Anti-Plague Institute and Astrakhan
Anti-Plague Station.
(Caspian Sea region--Gerbils)

PAVLOV, A.N.

Specific features of reproduction in the gerbils *Meriones meridianus* Pall. and *M. tamariscinus* Pall. in the northwestern part of the Caspian Sea region. Zool.zhur. 38 no.12:1876-1985
D '59. (MIRA 13:5)

1. Rostov-on-Don State Research Anti-Plague Institute.
(Caspian Sea region--Gerbils)

PAVLOV, A.N.

Spring and summer food of foxes in the Primorskoy and Il'mennyy areas of the northwestern part of the Caspian Sea region. Zool. zhur. 40 no.4:624-627 Ap '61. (MIRA 14:3)

1. Daghestan Anti-Plague Station (Makhachkala).
(Caspian Lowland—Foxes) (Animals, Food habits of)

PAVLOV, A.N.

A new site of the occurrence of *Myospalax psilurus* in eastern
Mongolia. Zool. zhur. 40 no.5:784-785 '61. (MIRA 14:5)

1. Daghestan Anti-Plague Station.
(Kentei District--Field mice)

PAVLOV, A.N.; MOLODOVSKIY, A.V.

Predatory birds of Mangyshlak and their abundance. Zool. zhur.
41 no.6:951-954 Je '62. (MIRA 15:7)

1. Rostov-on-Don Research Anti-Plague Institute, and State
University of Gorkiy.
(Mangyshlak Peninsula—Birds of prey)

PAVLOV, A.N.; KOLESNIK, T.I.

Use of nitrogen in the synthesis of various proteins in corn
kernels studied with the aid of N¹⁵. Fiziol. rast. 12 no.2:
285-288 Mr-Ap '65. (MIRA 18:6)

1. Institut fiziologii rasteniy imeni Timiryazeva AN SSSR, Moskva.

KRIVENKO, A.P.; PAVLOV, A.N.

Igneous complexes of the Devonian trough of Tuva. Trudy Inst. geol.
i geofiz. Sib. otd. AN SSSR no.33:5-43 '63.
(MIRA 17:II)

ROMANIKA. L.I.; PAVLOV, A.N.; GANOV, I.V., doktor geol.-miner.
nauk, otd. red.

[Regime of the underground waters of the Adler Lowland]
Rezhim gruntovykh vod Adlerskoi nizmennosti. Moskva,
Nauka, 1964. 100 p. (MIRA 17:12)

PAVLOV, A.N.; GRINFEL'D, E.G.

Effect of the number of kernels per cob on zein accumulation in corn.
Bot. zhur. 48 no. 2:216-218 F '63. (MIRA 16:4)

1. Institut fiziologii rasteniy imeni K.A.Timiryazeva AN SSSR i
Krasnodarskiy nauchno-issledovatel'skiy institut sel'skogo khozyaystva.
(Corn (Maize)) (Zein)

GAABE, Yu.E.; PAVLOV, A.N.; LEVITIN, I.I.; PAN'SHIN, A.V., red.

[Agricultural statistics] Statistika sel'skogo khoziaistva.
Moskva, Izd-vo "Statistika," 1964. 382 p. (MIRA 17:5)

IVANOV, D.N., kand. geol.-min. nauk, otv. red.; PAVLOV, A.N., red.;
ANTSELOVICH, Ye.M., red. izd-va; KASHINA, P.S., tekhn.
red.; ZUDINA, V.I., tekhn. red.

[Trace elements in some soils of the U.S.S.R.] Mikroele-
menty v nekotorykh pochvakh SSSR. Moskva, Izd-vo "Nauka,"
1964. 162 p. (MIRA 17:1)

1. Akademiya nauk SSSR. Pochvennyi institut im. V.V.
Dokuchayeva.

PAVLOV, A.N.

Using the hydrochemical method in determining the specific
discharge of underground waters. Razved. i okh. nedr 29
no.5:58-59 My '63. (MIRA 16:7)

1. Adlerskaya kompleksnaya stantsiya.
(Khosty Valley--Water, Underground)

PAVLOV, A.N.

Accumulation of zein in corn kernels. Fiziol. rast. 10 no.2:
(MIRA 16:5)
219-226 Mr-Ap '63.

I. K.A. Timiriazev Institute of Plant Physiology, U.S.S.R.
Academy of Sciences, Moscow.
(Zein)

PAVLOV, A.N.; VASILENKO, V.S.; KOLESNIKOV, I.M.; MYALKOVSKAYA, S.A.;
POTAPOVA, Ye.A.; UL'IKHINA, N.P.

Present distribution of giant mole rat in northeastern
Ciscaucasia. Zool. zhur. 42 no.5:777-780 '63. (MIRA 16:7)

1. Rostov-on-Don State Research Anti-Plague Institute and
Daghestan Anti-Plague Station.
(Caucasus, Northern--Mole rat)

PAVLOV, A.N.

Economic importance of the little owl in the semidesert of the
northwestern part of the Caspian Sea region. Zool. zhur. 41
no.12:1898-1901 D '62. (MIRA 16:3)

1. Research Anti-Plague Institute of Rostov-on-Don.
(Caspian Sea region--Owls)

PAVLOV, Anatoliy Nikolayevich; YEFREMOVA, Ye.V., red.; KOROLEV, A.V.,
tekhn. red.

[Making ship models] Postroika modelei sudov. Moskva, Izd-vo
DOSAAF, 1962. 49 p. (MIRA 16:3)
(Ship models)

F.A

Planting

867. Influence of the moisture content of the soil on the resistance of guayule to frost. G. V. OZAKOV and A. N. PAVLOV. *Doklady Akad. Nauk S.S.R.*, 1950, 73, 845-8; *Itogi Akad. 1951*, 21, 630. Young guayule seedlings were raised and then transplanted to pots of soil at 30, 60, and 70% saturation. In the middle of September when growth was arrested they were transferred to soil of 30% saturation and later submitted to artificial freezing (-13.3° C.) for a short time. When they resumed growth it was found that the plants grown in soil at 60% saturation were more resistant to frost injury than those at 30% or 70%.
122.32

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PAVLOV, A.N.

USSR/Biology - Ecology

Card 1/1 , Pub. 22 - 41/49

Author : Pavlov, A. N.

Title : Damage to wheat grain by Eurygaster, Pentatomidae insects during irrigation

Periodical : Dok. AN SSSR 98/4, 661-663, Oct. 1, 1954

Abstract : Data on the damage inflicted by certain insects (Eurygaster, Pentatomidae) upon wheat grain cultivated on irrigation soil are presented. Five USSR references (1934-1948). Tables; graph.

Institution : Acad. of Sc. USSR, The K. A. Timiryazev Institute of Plant Physiology

Presented by : Academician A. L. Kursanov, July 13, 1954

PAVLOV, A. N.

Pavlov, A. N. -- "Physiological Basis for Raising the Content of Protein in the Grain of Spring Wheat under Irrigation Conditions," Acad Sci USSR, Inst of the Physiology of Plants imeni K. A. Timiryazev, Moscow, 1955 (Dissertation for Degree of Candidate of Biological Sciences).

SO: Knizhnaya Letopis', No. 23, Moscow, June, 1955, pp. 87-104.

176 L 26. 07. 15

PETINOV, N.S.; PAVLOV, A.H.

Increasing the protein content of irrigated spring wheat by
means of foliar application of nitrogen nutrients. Fiziol.
rast. 2 no. 2 '113-122 Mr-Ap '55. (MLRA 8:10)

1. Institut fiziologii rasteniy imeni K.A.Timiryazeva Akademii
nauk SSSR, Moscow
(Wheat) (Plants, Effect of nitrogen on)

PAVLOV, A.N.

USSR / Cultivated Plants. Cereals

H

Abs Jour : Ref Zhur - Biol., No 8, 1958, No 34652

Authors : Petinov, N.S.; Pavlov, A.N.; Yaroshenko, V.N.

Inst : Institute for Plant Physiology AS SSSR

Title : Changes in Quality of Corn Cobs in the Period
Between Harvest and Ensilage.

Orig Pub : Priroda, 1957, No 6, 90-91

46

Abstract : Research conducted by the Institut for Physio-
logy of the Academy of Sciences of the SSSR with
corn cobs, harvested in milky and wax ripeness
phases and stored for 48 hours in temperatures
of 17 to 20°C., has shown that the content of
sugar sharply decreases (to about half) simul-
taneously with a decrease of the content of as-
corbic acid. In granulated cobs, the loss of

Card 1/2

PETINOV, N.S., professor; PAVLOV, A.N., kandidat biologicheskikh nauk;
YAROSHENKO, V.N.

Changes in the quality of corn cobs between harvest and ensilage.
Priroda 46 no.6:90-91 Je '57. (MLRA 10-7)

1. Institut fiziolog' rasteniy im. K.A.Timiryazeva Akademii nauk
SSSR (Moskva).
(Corn (Maize)--Storage)

РНВЛОН, 1977.

USSR / Cultivated Plants. Grains.

M-3

Act Jour: Izv Akad Nauk SSSR, 1977, No 10, 735-737.

Author : Petinov, N. A.; Pavlov, A. N.

Inst : AS USSR.

Title : On the Role of Separate Organs During Ripening of Wheat Grain.

Or. : Pub: Dokl. AN SSSR, 1977, No 1, 146-149.

Abstract: Experiments with breadwheat "Chernokol'sa" and hard spring wheat were conducted on irrigated plots of the Engel'sskaya Experimental-Improvement Station (Saratovskaya Oblast), with "Moskovskoy" soft spring wheat outside of snow. Up to 70% of the dry substance is taken up by grain from the leaf blades, as well as from the glume and bract scales during ripening. The share of the leaves and scales is

Card 1/2

19

USSR / Cultivated Plants. Grains.

M-3

Abs Jour: Ref Zhur-Biol., 1958, No 10, 7885.

Abstract: this is approximately the same. The remaining N proceed from the stem and sheaths in the milky stage. The greatest quantity of N was taken up from the lower, i.e., the oldest leaves. -- L. I. Krasovskiy.

Card 2/2

PAVLOV, A.N.

Uptake of substances through leaves and roots in corn. Fiziol.
rast. 7 no.3;326-334 '60. (NIR 13:6)

1. K.A. Timiryazev Institute of Plant Physiology, U.S.S.R.
Academy of Sciences, Moscow.
(Corn (Maize)--Fertilizers and manures)
(Plants--Assimilation)

PAVLOV, A.N.

Effect of nitrogen fertilizers on active absorption of water
by corn. Dokl.AN SSSR 133 no.3:702-705 J1 '60.
(MIRA 13:7)

1. Institut fiziologii rasteniy imeni K.A.Timiryazeva
Akademii nauk SSSR. Predstavleno akad. A.L.Kursanovym.
(PLANTS--ABSORPTION OF WATER)
(PLANTS, EFFECT OF NITROGEN ON)
(CORN(MAIZE)--FERTILIZERS AND MANURES)

PAVLOV, A.N.

Some characteristics of nitrogen uptake through corn leaves
during foliar feeding with urea. Dokl. AN SSSR 134 no.2:
477 S '60. (MIRA 13:9)

1. Institut fiziologii rasteniy im. K.A. Timiryazeva AN SSSR.
Predstavleno akad. A.L.Kursanovym.
(Corn (Maize)--Fertilizers and manures)
(Urea)
(Plants--Assimilation)

PAVLOV, A.N.; IVANOV, V.P.; RAZUVAYEVA, V.I.

Foliar feeding of corn with urea at different developmental stages
of the plant. Fiziol.rast. 8 no.5:596-600 '61. (MIRA 14:10)

1. Timiriazev Institute of Plant Physiology, U.S.S.R. Academy
of Sciences, Moscow.
(Corn (Maize)) (Urea)

PETINOV, N.S.; PAVLOV, A.N.

Active absorption of water and transpiration in corn as related to
the absorption of mineral substances. Izv. AN SSSR. Ser. biol.
no.6:888-896 N-D '61. (MIRA 14:11)

1. Institute of Plant Physiology, Academy of Sciences of the
U.S.S.R., Moscow.
(PLANTS--ABSORPTION OF WATER) (PLANTS, EFFECT OF NITROGEN ON)

PAVLOV, A.N.

Transformation of protein fractions during the germination
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Moskva, 1951. Pod ob. red. O. K. Lange.

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PAVLOV, Arkadiy Petrovich, professor, doktor tekhnicheskikh nauk;
GOLOSOVLER, I.Ya., retsenzent; MITROPOL'SKIY, N.M., retsenzent;
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[Wooden elements and structures] Dereviannye konstruktsii i sooruzheniya. Moskva, Goslesbumizdat, 1955. 451 p.(MLRA 8:11)
(Wood) (Building, Wooden)

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(Wood--Testing) (MIRA 9:11)

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no.5:3-10 '64. (MIRA i8:1)

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Preparation of materials for the compilation of the technical,
industrial and financial plan of a textile factory on the
electronic calculating machine. Izv vys. ucheb. zav.; tekh.
(MIRA 17:8)
tekst. prom. no. 6:3-10 '63

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PAVLOV, A.P., doktor tekhn. nauk; GORENSHTEYN, B.V., kand. tekhn. nauk;
VINOGRADOV, G.G., inzh.; SPIRIDONOV, L.Ye., inzh.;
BEKMURZIN, A.G., inzh.

Results of using cylindrical shells. Bet. i zhel.-bet. 9
no.11:489-495 N '63. (MIRA 17:1)

1. Leningradskiy inzhenerno-stroitel'nyy institut (for Pavlov).

PAVLOV, A.P. (Kiyev)

Dehelminthiation of patients affected with Taeniarhynchus with an
emulsified extract of male fern. Vrach. delo no.2:110-112 F '61.
(MIRA 14:3)

(TAENIA)

(FERNS--THERAPEUTIC USE)

SOV/124-58-5-6205

Translation from: Referativnyy zhurnal, Mekhanika, 1958, Nr 5, p 161 (USSR)

AUTHOR: Pavlov, A.P.

TITLE: On the Resistance of Wood Fibers to Oblique Crushing (O soprotivlenii drevesiny smyatiyu pod uglom k voloknam)

PERIODICAL: Byul. nauchno-tekhn. inform. po rezul'tatam nauchno-issled. rabot. Leningr. lesotekhn. akad., 1956, Nr 42, pp 7-13

ABSTRACT: Bibliographic entry

1. Wood fibers--Mechanical properties 2. Wood fibers--Test methods

Card 1/1

PAVLOV, A.P. (Kiyev)

Shortcomings in the laboratory diagnosis of helminthiasis and measures
for eliminating them. Lab.delo 4 no.5:17-18 S-0 '58 (MIRA 11:11)
(WORMS, INTESTINAL AND PARASITIC)

PAVLOV, A.P. (Kiyev)

Two years' experience in eradicating trichocephaliasis. Vrach.
delo no. 81845-847 Ag '58 (MIRA 11:8)
(TRICHOCEPHALUS)

PAVLOV A.P.

124-11-13601

Translation from: Referativnyy Zhurnal, Mekhanika, 1957, Nr 11, p 177 (USSR)

AUTHOR: Pavlov, A. P.

TITLE: The Local Crumpling of Wood (Mestnoye smyatiye drevesiny)

PERIODICAL: Sb. Leningr. in-ta inzh. zh.-d. transp., 1956, Nr 150, pp 46-59

ABSTRACT: The paper reviews two modes of the crumpling of wood across the fibers, namely, encompassing the entire surface or encompassing only part of its length. The formula obtained for the crumpling stress over the entire surface is found to be in good agreement with experimental data. The local crumpling is viewed as a plane problem of the action of a force applied at the origin of the coordinates normal to the straight-line border of a semi-infinite lamina. As the crumpling area increases, the stress distribution approaches that corresponding to the crumpling over the entire surface. In the case of a concentrated force, the crumpling stresses over the entire surface and those corresponding to a local crumpling differ by a multiplying factor of

$$k = \sqrt{E_2/E_1}, \text{ where } E_1 \text{ and } E_2 \text{ are the moduli.}$$

Card 1/2

PAVLOV, Arkadiy Petrovich, prof., doktor tekhn.nauk; TORGONSKIY, M.N.,
red.; POLTEVA, B.Kh., red.izd-va; BACHURINA, A.M., tekhn.red.

[Wooden construction elements and structures] Dereviannye
konstruktsii i sooruzheniya. Izd.2., perer. Moskva, Gosles-
bumizdat, 1959. 444 p. (MIRA 13:4)
(Building, Wooden)

PAVLOV, Aleksey Pavlovich

[The Communist Party in the struggle to complete the socialist reconstruction of the national economy. Victory of socialism in the U.S.S.R. 1933-1936] Kommunisticheskaiia partiia v bor'be za zavershenie sotsialisticheskoy rekonstruktsii narodnogo khoziaistva. Pobeda sotsializma v SSSR. 1933-1936 gg. Moskva, 1957. 94 p.
(MLRA 10:5)

(Russia--Economic policy)

SAVLOV, Aleksey Petrovich, akademik[deceased]; VARSAN F'YEVA,
V.A., glav. red.; KEL'KEV, V.V., otv. red.; YANSEIN, A.L.,
akademik, red.; BERASHOV, N.A., red.; LIFCHIKOV, N.N.,
red.; LIKHAYLOV, N.P., red.; PUSHCHAROVSKIY, Yu.M., red.;
SHANTSER, Ye.V., red.

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Srovnitel'naya stratigrafiya boreal'nego mezozoya Evropy.
Moskva, Nauka, 1965. 29. p. (Slia 18:1.)

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PAVLOV, Aleksey Sergeyevich; SINYUTIN, V.I., red.; ONOSHKO, N.G.,
tekhn. red.

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V chem sostoit osnovnaja ekonomicheskaja zadacha SSSR. Lenin-
grad, Lenizdat, 1959. 49 p. (MIRA 12:11)
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GUBINA, A.A.; ZAKGEYM, Ye.N.; ZUSMANOVICH, V.M.; IVANOV, K.N.; LISITSYN, S.N.; MOZGOV, A.Ya.; PAVLOV, A.S.; PISKORSKIY, B.N.[deceased]; USHOMIRSKAYA, A.I.; FINKEL'SHTEYN, S.M.; CHISTOVSKIY, V.B.; SHER, S.Yu.; ADAMOV, O.V., nauchn. red.; BEYZERMAN, A.N., nauchn. red.; ZHIVOV, M.S., nauchn. red.; POGORELYY, P.P., nauchn. red.; STAROVEROV, I.G., nauchn. red.; STESHENKO, A.L., nauchn. red.; TSEYTLIN, M.M., nauchn. red.; KOKHARENKO, N.A., inzh., red.; VOLNYANSKIY, A.K., glav. red.

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i radiologicheskogo (zav. - prof. A.V.Kozlova) otdeleniy Gosudar-
stvennogo nauchno-issledovatel'skogo instituta rentgenologii i
radiologii (dir. - dots. I.G.Lagunova)

(ESOPHAGUS, neoplasms
ther., x-rays & radium)
(RADIOTHERAPY, in various dis.
cancer of esophagus)

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Shekhter) Moskovskogo meditsinskogo stomatologicheskogo instituta
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SHEKHTF^o, I.A., prof.; PAVLOV, A.S., dotsent; BENTSIANOVA, V.M., assistant;
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kafedra terapevticheskoy stomatologii (zav.- prof. V.P. Likhachev),
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172 '60.
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